

FIG.1

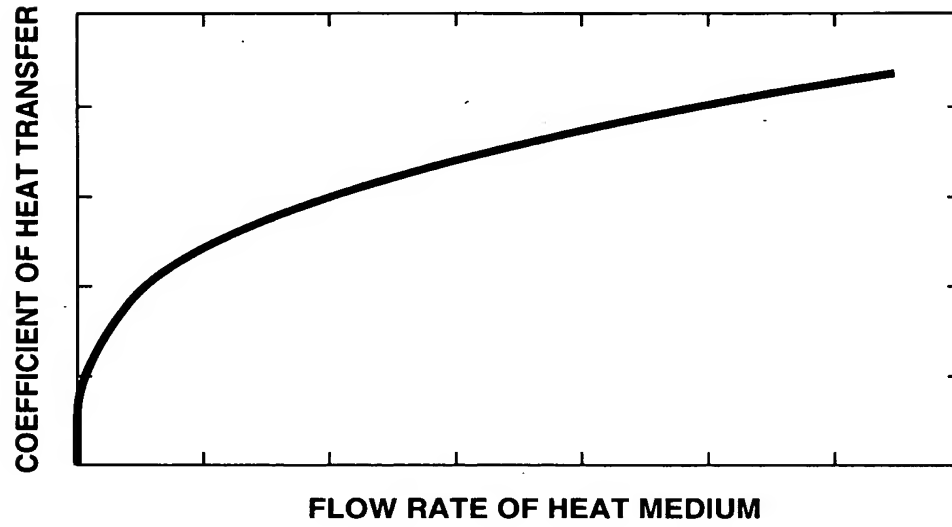
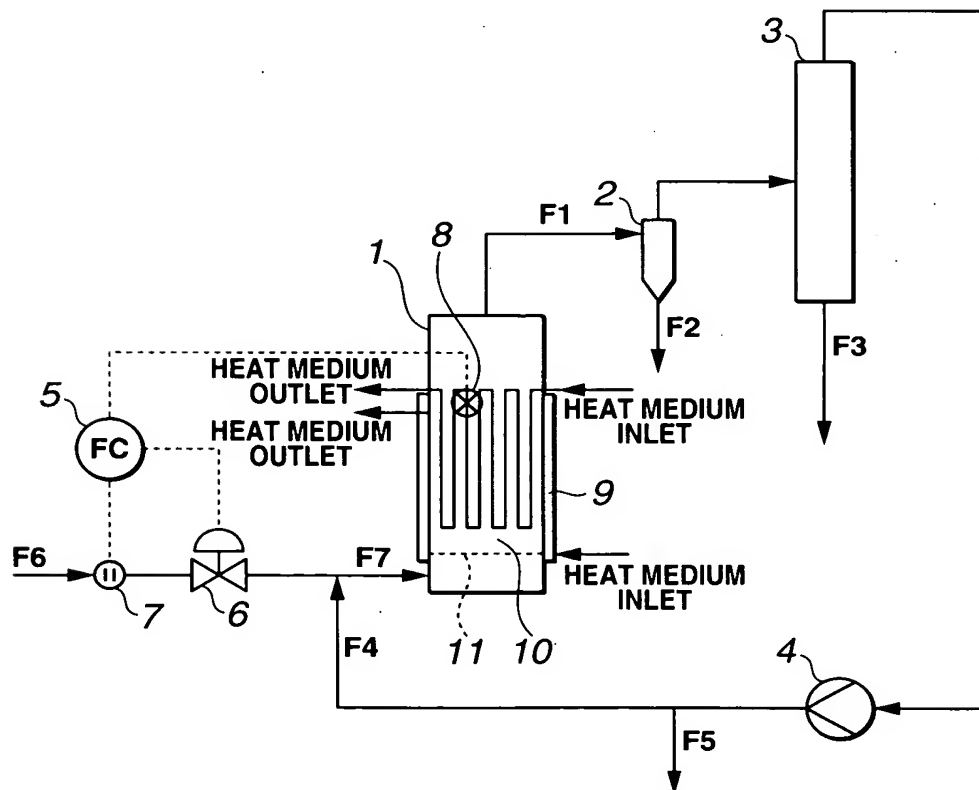


FIG.2



The diagram illustrates a process control system for a heat exchanger. The system includes a heat exchanger (11) with a heating medium loop and a process fluid loop. The heating medium loop consists of a pump (12), a control valve (13), and a temperature controller (TC, 15) that receives input from a temperature sensor (14) and outputs to the control valve. The process fluid loop includes a feed-effluent exchanger (2), a reactor (1), and a feed-effluent exchanger (3). A flow controller (FC, 5) controls a feed valve (6) for the process fluid. Various flow streams are labeled F1 through F7.